

NMPS360

360°/GHz

Features:

- * Low Insertion Loss
- * High Power
- * High Reliable

Applications:

- * Laboratory Test
- * Transmitter
- * Instrumentation
- * Wireless

Electrical

Frequency: DC~2GHz
 Impedance: 50Ω
 Average Power: 100W
 Peak Power^{*1}: 5KW

[1] Pulse width: 5us, duty cycle: 2%.

Frequency (GHz)	VSWR (max.)	Insertion Loss (dB, max.)	Phase Adjustment ^{*2} (°)
DC~1	1.4	1.5	0~360
DC~2	1.5	2.0	0~720

[3] Phase shift varies linearly corresponding to the frequency. For example, if the maximum phase shift is 720°@2GHz, the maximum phase shift is 360°@1GHz.

Mechanical

Size^{*3}: 390*134*30.5mm
 15.354*5.276*1.201in
 Size^{*4}: 395*134*50.5mm
 15.551*5.276*1.988in

Weight: 1800g

RF Connectors: N Female, SMA Female

Outer Conductor: Nickel Plated Brass

Inner Conductor: Gold Plated Beryllium Bronze

Housing Material: Aluminum

[3] Analog.

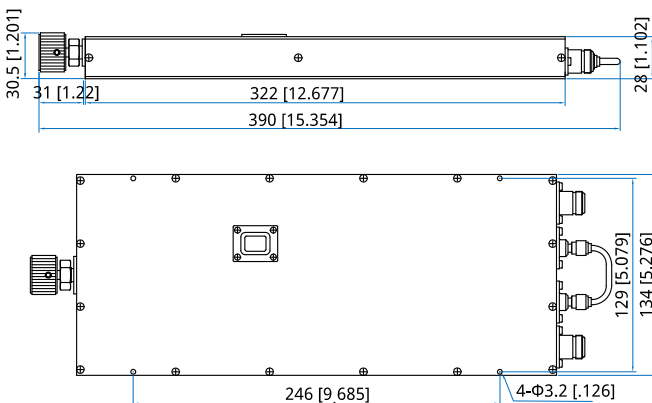
[4] Digital.

Environmental

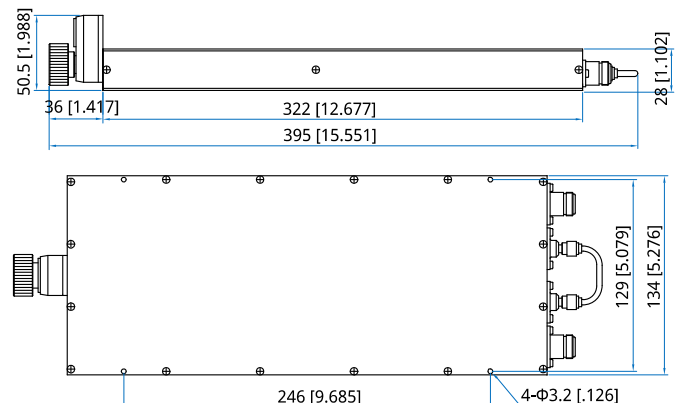
Operating Temperature: -10~+50°C

Non-operating Temperature: -40~+70°C

Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

NMPS360-X-Y-Z

X: Frequency in GHz

Y: Connector type

Z: Display

Examples:

To order a digital phase shifter, DC~1GHz, N female to N female, specify NMPS360-1-N-D.

Customization is available upon request.

Connector naming rules:

S - SMA

N - N

Display naming rules:

A - Analog (Outline A)

D - Digital (Outline B)